

APRIL/MAY 2024

**BIM52/CIM52 — DATA BASE
MANAGEMENT SYSTEM**

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Expand the term DBMS.
2. What is called an Entity?
3. Define Tuple.
4. What is the use of select operation?
5. Write the acronym for SQL.
6. State the purpose of Rollback.
7. Define Simple Join.
8. Write the use of Check constraint.
9. Expand the term PL/SQL.
10. Define Cursor.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Give an introduction to Database.

Or

- (b) Illustrate the Mapping constraints in detail.

12. (a) Discuss the structure of Relational Model.

Or

- (b) Write short notes on Formal Query Language.

13. (a) Describe the steps for Creating table with suitable example.

Or

- (b) Elucidate the purpose of Truncating Table with suitable example.

14. (a) Illustrate the concept of Outer Join.

Or

- (b) Differentiate Union and Union all set operators.

15. (a) Explain the concept of Procedures with example.

Or

- (b) What is called Triggers? Explain it in detail.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Draw and Explain the overall system structure.

17. Explain the concept of Domain Relational calculus with example.

18. Illustrate the Insert and Select command in detail.

19. Discuss any two Integrity constraints.

20. Expound the process of Exception Handling with example.

